What is claimed is:

5. An electronic lock for a safe door comprising:

an access sensor;

a control element, for analyzing an access code entry, in communications with the access sensor;

means for receiving and applying power connected to a voltage relay, the voltage relay being responsive to the control element; and

a solenoid actuated by a signal from the voltage relay, whereby the actuated solenoid changes the entry status of the safe door.

- 6. The electronic lock of claim 5 wherein the solenoid had a core member whose position may be varied by inputting instructions into the control element.
- 7. The electronic lock of claim 6 wherein the core member position is time controlled by the control element.
- 8. The electronic lock of claim 5 wherein the access sensor is a magnetic card reader and keypad combination unit.
- 9. An electronic lock for a safe door comprising:

an access code sensor;

a microprocessor, for analyzing an access code entry, in communications with the access code sensor;

a keypad in communication with the microprocessor in which the communication activates the keypad for code entry and analyzes the keypad entry;

means for receiving and applying power connected to a voltage relay, the voltage relay being responsive to the microprocessor; and

a solenoid actuated by a signal from the voltage relay, whereby the actuated solenoid changes the entry status of the safe door.

- 10. The electronic lock of claim 9 wherein the solenoid had a core member that is spring biased.
- 11. The electronic lock of claim 10 wherein the core member position may be varied by inputting instructions into the microprocessor.
- 12. The electronic lock of claim 11 wherein the core member position is time controlled by the microprocessor.
- The electronic lock of claim 9 wherein the solenoid had a core member that is gravity biased.
 - 14. The electronic lock of claim 13 wherein the core member position may be varied by inputting instructions into the microprocessor.
 - 15. The electronic lock of claim 14 wherein the core member position is time controlled by the microprocessor.
 - 16. The electronic lock of claim 9 wherein the access sensor is a bar code reader.
 - 17. An electronic lock for a safe entry barrier comprising:

an access code reader;

a first microprocessor, for analyzing an access code entry, in communication with the access code reader;

a keypad in communication with the first microprocessor in which the communication activates the keypad for code entry;

a control microprocessor, for analyzing a keypad entry, in communication with the keypad;

means for receiving and applying power connected to a means for power signal conversion;

a voltage relay connected to the means for power signal conversion, the voltage relay being responsive to the control microprocessor; and

a solenoid actuated by a signal from the voltage relay, whereby the actuated solenoid changes the entry status of the safe entry barrier.

- 18. The electronic lock of claim 17 wherein the solenoid had a core member that is spring biased.
- 19. The electronic lock of claim 18 wherein the core member position may be varied by inputting instructions into the control microprocessor.
- 20. The electronic lock of claim 19 wherein the core member position is time controlled by the control microprocessor.
- 21. The electronic lock of claim 17 wherein the solenoid had a core member that is gravity biased.
- 22. The electronic lock of claim 21 wherein the core member position may be varied by inputting instructions into the control microprocessor.
- 23. The electronic lock of claim 22 wherein the core member position is time controlled by the control microprocessor.
- 24. The electronic lock of claim 17 wherein the access sensor is a magnetic card reader.